

Abstract of the Disclosure:

Bodies made of expanded graphite are impregnated with low-viscosity, solvent-free, storage-stable, polymerizing acrylic resins up to resin contents of 50% by weight. A primary product made of expanded graphite has an open pore system, with a particularly preferred range of bulk densities of from 0.5 to 1.3 g/cm³ and with an ash value of not more than 4% by weight. Such bodies can also contain a proportion of additives. The impregnated, shaped and rapidly curable graphite bodies are employed as sealing elements, as components in fuel cells or as heat-conducting elements. A process for producing the bodies is also provided.